FIG. 1

TITLE: AN INTERFACE FOR SYNCHRONOUS DATA TRANSFER BETWEEN DOMAINS
CLOCKED AT DIFFERENT FREQUENCIES
INVENTOR NAME: MARK R. SIKKINK ET AL.
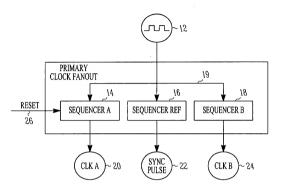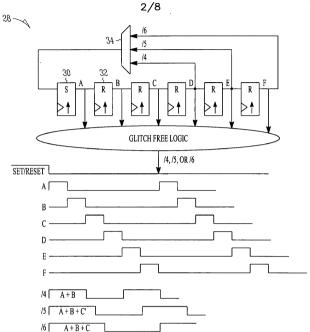SERIAL NO.: 09/621,315   DOCKET NO.: 499.081US1   REPLACEMENT SHEET

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FIG. 2A

FIG. 2B

TITLE: AN INTERFACE FOR SYNCHRONOUS DATA TRANSFER BETWEEN DOMAINS
CLOCKED AT DIFFERENT FREQUENCIES
INVENTOR NAME: MARK R. SIKKINK ET AL.
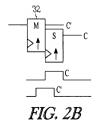SERIAL NO.: 09/621,315   DOCKET NO.: 499.081US1   REPLACEMENT SHEET

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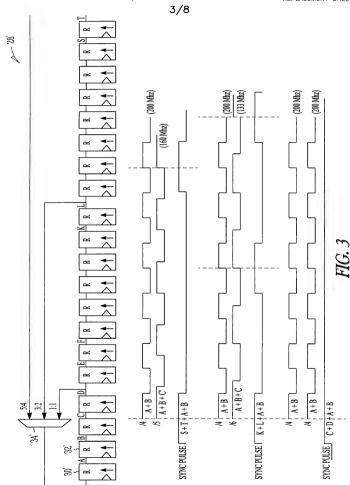
FIG. 3

TITLE: AN INTERFACE FOR SYNCHRONOUS DATA TRANSFER BETWEEN DOMAINS
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INVENTOR NAME: MARK R. SIKKINK ET AL.
SERIAL NO.: 09/621,315 DOCKET NO.: 499.081US1   REPLACEMENT SHEET

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FIG. 4

FIG. 5

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SERIAL NO.: 09/621,315   DOCKET NO.: 499.081US1   REPLACEMENT SHEET

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FIG. 6

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INVENTOR NAME: MARK R. SIKKINK ET AL.
SERIAL NO.: 09/621,315   DOCKET NO.: 499.081US1   REPLACEMENT SHEET

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(NEGEDGE CORE)

MC = 1 ⟶ RESET B

(MC = 0) & (SYNC PULSE = 1)

A

B

ABsel (POSEDGE CORE)

MC = 1 ⟶ RESET B

(MC = 0) & (SYNC PULSE = 1)
133Mhz

160Mhz

100Mhz

A

NOP
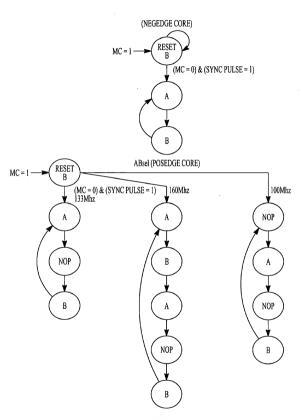
B

A

B

A

NOP

B

NOP

A

NOP

B

FIG. 7

TITLE: AN INTERFACE FOR SYNCHRONOUS DATA TRANSFER BETWEEN DOMAINS
CLOCKED AT DIFFERENT FREQUENCIES
INVENTOR NAME: MARK R. SIKKINK ET AL.
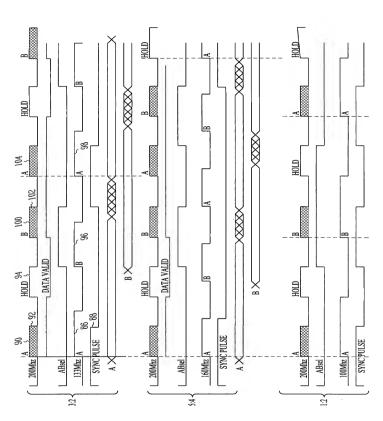SERIAL NO.: 09/621,315   DOCKET NO.: 499.081US1   REPLACEMENT SHEET

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FIG. 8

TITLE: AN INTERFACE FOR SYNCHRONOUS DATA TRANSFER BETWEEN DOMAINS
CLOCKED AT DIFFERENT FREQUENCIES
INVENTOR NAME: MARK R. SIKKINK ET AL.
SERIAL NO.: 09/621,315   DOCKET NO.: 499.081US1   REPLACEMENT SHEET

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FIG. 9